

Hear That Energy!

MATERIALS

For each student

- coffee can, empty
- pencil with an eraser
- rubber band
- wax paper

PROCEDURES

1. Make a simple drum by covering the open end of an **empty coffee can** with **wax paper**. Secure the wax paper with a **rubber band**.
2. Using the eraser end of a **pencil**, tap lightly on the wax paper. Describe how the paper responds. What do you hear?

3. Repeat step 2, but tap the paper a bit harder. Compare your results with those of step 2.

4. Cover half of the wax paper with one hand. Now, tap the paper. What happened? How can you describe sound energy as a form of mechanical energy?
